

#### **REASONS FOR ALLOWANCE**

1. **Claims 1 and 3-15** are allowed.

2. The following is an examiner's statement of reasons for allowance:

**Claims 1 and 9** are allowable because the prior art fails to disclose or make obvious, either singly or in combination, a method of discriminating a latent fingerprint residual comprising, in addition to the other recited features of the claim, "a lens layer that includes a plurality of light-transmission films each including concentric circles, that is formed on and around said vertical lens layer, and that collects the incident light and outputs the incident light to said vertical lens layer through said light-transmission films."

**Claims 3-7 and 10-12** are allowed by being dependent upon the allowed claim 1.

**Claim 8** is allowable because the prior art fails to disclose or make obvious, either singly or in combination, a method of discriminating a latent fingerprint residual comprising, in addition to the other recited features of the claim, "forming a pattern on the material layer in which a distance between the resist films is increased from a center of the pixel towards a periphery of the pixel."

**Claim 13** is allowable because the prior art fails to disclose or make obvious, either singly or in combination, a method of discriminating a latent fingerprint residual comprising, in addition to the other recited features of the claim, "wherein said lens layer that includes said plurality of light transmission films has a refractive index period structure of concentric circles which includes a second high-refractive material layer and a low-refractive material layer; and wherein a ratio of the second high-refractive material layer to the low-refractive material layer in said lens layer that includes said plurality of

light-transmission films is greater at a center of said unit pixel than at a periphery of said unit pixel." **Claims 14-15** are allowed by being dependent upon the allowed claim 13.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to SEUNG C. SOHN whose telephone number is (571)272-4123. The examiner can normally be reached on Mon-Thur, 7:30 AM -6 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, GEORGIA Y. EPPS can be reached on 571-272-2328. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/SEUNG C SOHN/

Examiner, Art Unit 2878